



# APPROVAL SHEET

Mid-tower computer case

MODEL NO.: SP1603B-420W-PFC22-2



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Checked by	Drafted by
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**Spire Corp.**

Tel.: +86-755-26801568    Fax: +86-755-26801561

[Http://www.spire-corp.com](http://www.spire-corp.com)

[Http://www.spirepower.com](http://www.spirepower.com)

[Http://www.spirecoolers.com](http://www.spirecoolers.com)



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## Approval Sheet Revisement Record

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**1 Features:**

- \* Folded edge for safe device installation.
- \* Front access USB 2.0 and audio
- \* Micro ATX & ATX Compatible
- \* Easy installation, thumb-screw side-panel
- \* Optimized internal space design
- \* LED power, drive activity indicator

**2 Accessories:**

- \* User installation manual
- \* Screws bag
- \*1.5M power cable



### 3 Specification

**Color:**

Front Panel: Black

Side & top panel: black

**Material:**

Front panel : ABS

Structure: 0.35mm, SGCC

**Front I/O connection:**

Audio & earphone x1

USB 2.0 x2

**Drive bays:**

2.5" bays: 2--- 2 internal

3.5" bays: 4--- 4 internal

5.25 "bays: 3--- 3 external

**Motherboard:**

- 9.6" x 9.6" (Micro ATX) 244\*244 mm, - 12" x 9.6" (ATX) 305\*244mm

**Bracket slots: 7****Cooling:**

Side:2\* 12cm fan space

Rear:12cm fan space

**PSU compatible:** ATX(included ATX-420W-PFC-N-PSU )

**Installation:**

Hand screw side panel

**Dimensions&Weight:**

Product: 401(L)\*180(W)\*415(H)mm N.W 4.1kg

Packaging: 455\*220\*455mm (L\*W\*H) G.W 4.7kg

**4.PSU: ATX-420W-PFC-N-PSU:**

ATX-420W-PFC-N-PSU: 220V, 420W psu,120mm FAN,20+4pin,3SATA,2<sup>i</sup>IDE,1FLOPPY,12V4pin,CE,PFC  
Matel case,1.5M Safety power cord.

<b>Features</b>	Intel ATX 1.3 Specification Compliant Supports the newest Intel and AMD Micro-Processors I/O Short Circuit & Overload /OVP/OLP/ SCP Protection SATA Power Connector
<b>Dimensions</b>	140mm(L)X150mm(W)X85mm(H)
<b>Version</b>	ATX 12V Ver 1.3
<b>Connectors</b>	20+4pin 1PCS, 12V 4pin 1PCS,SATA 3PCS,, IDE (Molex) 4pin 2PCS, Floppy 4pin 1PCS
<b>Cables</b>	20+4pin 1PCS, 12V 4pin 1PCS, 1IDE (Molex) /1SATA/Floppy 1PCS,1IDE (Molex) /2SATA 1PCS
<b>Case</b>	0.6mm Matel case
<b>PFC Function</b>	PPFC
<b>Rated Voltage</b>	200~240 Vac
<b>Frequency</b>	50~60 Hz
<b>Current</b>	4A for 230VAC
<b>Hold-up Time</b>	16 ms(min)
<b>Nom. Power</b>	420W
<b>P.G. Signal</b>	100~500ms
<b>Voltage Protection</b>	+12V trip point 13.4V - 15.6V +5V trip point 5.74V - 7.0V +3.3V trip point 3.76V - 4.3V
<b>Noise Level</b>	21 dBA Max
<b>Cooling</b>	1 x 120mm fan
<b>MTBF</b>	100,000 Hours
<b>Application</b>	Intel Pentium 4,Intel Celeron D,Intel Core 2,Intel Core 2 Due,Intel Core 2 Extreme/AMD Athlon 64X2,AMD Athlon 64 FX,AMD Athlon 64,etc.
<b>Operating Temperature</b>	0~40°C
<b>Storage Temperature</b>	-20~60°C
<b>Warranty</b>	2 Years

**5 Pictures:**



Spire Corp.

Spire Coolers Corp.  
FL7/8 Building B houhai Blvd  
Dongjiaotou Industrial Park Shekou  
Nanshan,Shenzhen, China  
Tel.: +86-0755-26801567  
Fax: +86-0755-26801561  
W.: [www.spire-corp.com](http://www.spire-corp.com)



### RoHS Declaration of Conformity

Spire hereby declares under our sole responsibility that the product:



**Part number:** SP1603B-420W-PFC22-2

- \* Folded edge for safe device installation.
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Is tested and approved in compliance with the EUROPEAN COUNCIL ROHS DERECTIVE.

(Restriction of Hazardous Substances) which will restrict the use of certain substances in electrical and electronic products: including lead (Pb), mercury, cadmium, hexavalent chromium, and certain halide-containing flame retardants. The directive applies to all electrical and electronic products, their component parts that are placed on the market after July 1, 2006.

Spire Coolers Corp.  
PM Engineering Dept.

Nanshan,Shenzhen

